

## Claims

1. A virtual hard disc (24) interface on a handheld portable card or disc (22), being  
 5 crash secured and accessed through said card or disc (22) with software storage capability,  
 comprising:

a connection to one hard coded address domain server (26) in a network for data and  
 telecommunication;

said domain server (26) providing a plurality of virtual hard disc (24) spaces;

10 said domain server and one of said plurality of hard discs being reached from any  
 host computer (28) or terminal with a corresponding card or disc receiver through said hard  
 coded address, whereby the card or disc (22) provides a user personal hard disc to an arbitrary  
 computer (28) or terminal;

15 a file transfer protocol for copying or retrieving files between card or disc and a  
 space in said virtual hard disc (24) or vice versa;

a graphical (12) software representation of files in said virtual hard disc (24) on said  
 card or disc (22); and

20 thereby providing said card or disc (22) having only one access path to said one domain  
 server (26), thus providing a stationary user unchangeable portable hard disc interface, being  
 crash secure.

2. A virtual hard disc (24) interface according to claim 1, wherein a user identity and  
 a password entered through said card or disc (22) provides access to one of said plurality of  
 hard disc spaces.

25 3. A virtual hard disc (24) interface according to claim 1 or 2, wherein drag and drop  
 is used for adding files to said card or disc graphics.

4. A virtual hard disc (24) interface according to claims 1-3, wherein said card or  
 disc provides that it can run on any computer or terminal with transparent software.

30 5. A virtual hard disc (24) interface according to claim 2, wherein the space is made  
 available to a user through drop and drag an icon/graphics onto the card or disc as a  
 useridentity and password, whereby the icon/graphics pixels are matched to stored pixels on  
 the card or disc for the graphic shown in the icon.

6. A virtual hard disc (24) interface according to claims 1-5, wherein a data transfer  
 between two hard discs (24) is provided in high-speed through a server (26) internal transfer.

7. A System (20) comprising an handheld portable card or disc (22) with an interface to a crash secure virtual hard disc (24) accessed through said card or disc (22) with software storage capability, comprising:

a hard coded address domain server in a network for data and telecommunication;

a plurality of virtual hard disc (24) spaces in said server;

said domain server and one of said plurality of hard discs being reached from any host computer (28) or terminal with a corresponding card or disc receiver through said hard coded address, whereby the card or disc (22) provides a user personal hard disc to an arbitrary computer (28) or terminal;

a file transfer protocol for copying or retrieving files between card or disc (22) and a space in said virtual hard disc (24) or vice versa;

a graphical (12) software representation of files in said virtual hard disc on said card or disc:

a temporary memory space in a host computer (28) or terminal running the card or disc for processing said files; and

thereby providing said card or disc having only one access path to said one domain server, and thus comprising stationary user unchangeable portable hard disc (24) interfaces, being crash secure.

8. A system (20) comprising a virtual hard disc (24) according to claim 7, wherein a useridentity and a password entered through said card or disc (22) provides access to one of said plurality of hard disc spaces.

9. A system (20) comprising a virtual hard disc according to claim 7 or 8, wherein drag and drop is used for adding files to said card or disc graphics (12).

10. A system (20) comprising a virtual hard disc (24) according to claims 7-9, wherein said card or disc provides that it can run on any computer (28) or terminal with transparent software.

11. A system (20) comprising a virtual hard disc (24) according to claim 8, wherein the space is made available to a user through drop and drag an icon/graphics onto the card or disc as a useridentity and password, whereby the icon/graphics pixels are matched to stored pixels on the card or disc for the graphic shown in the icon.

12. A system (20) comprising a virtual hard disc (24) according to claims 7-11, wherein a data transfer between two hard discs (24) is provided in high-speed through a server (26) internal transfer.